

LOCKS & LATCHES.
Latches-Sliding.

N^o 8075



A.D. 1914

DUPLICATE

Date of Application, 31st Mar., 1914

Complete Specification Left, 1st July, 1914—Accepted, 1st Oct., 1914

PROVISIONAL SPECIFICATION.

Improvements in Locks and Latches.

We, CHARLES HERBERT SMITH, of 64, Newton Road, Sparkhill, Manager, HOWARD LESLIE CURRALL, of 109, Kingswood Road, Moseley, Secretary, and THE CONFORMITY LOCK COMPANY LIMITED, of 290 and 291, Heneage Street, Lock Manufacturers, all of the City of Birmingham, do hereby declare the nature of this invention to be as follows:—

Our invention relates to locks and latches and is particularly applicable to motor cars and other vehicles.

The object of our invention is to construct a lock or latch so that it can be easily fitted to the most suitable part of the door and at the same time worked from the most convenient position, preferably from the fence-rail, and also to prevent cutting away any more of the style of the door than is absolutely necessary.

To facilitate our invention we make the lock as narrow as possible and we actuate and work the bolt by means of a crank lever on one arm of which we fix a swivel lug to receive a threaded bar or rod, the other end of this bar or rod is pivoted or otherwise attached to a handle which works on a pivot in the top plate. The bar or rod is threaded and supplied with nuts so that it can be adjusted to any convenient length and also for the purpose of bringing the handle into a vertical position when fixed.

Dated the 30th day of March, 1914.

CHARLES HERBERT SMITH.
HOWARD LESLIE CURRALL.
THE CONFORMITY LOCK COMPANY LIMITED.

C. W. CURRALL,
(Chairman).
Applicants.

COMPLETE SPECIFICATION.

Improvements in Locks and Latches.

We, CHARLES HERBERT SMITH, of 64, Newton Road, Sparkhill, Manager, HOWARD LESLIE CURRALL, of 109, Kingswood Road, Moseley, Secretary, and THE CONFORMITY LOCK COMPANY LIMITED, of 290 & 291, Heneage Street, Lock Manufacturers, all of the City of Birmingham, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

Our invention relates to locks and latches and is particularly applicable to motor cars and other vehicles.

The object of our invention is to construct a lock, or latch so that it can be

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Improvements in Locks and Latches.

easily fitted to the most suitable part of the door and at the same time worked from the most convenient position, preferably from the fence-rail, and also to prevent cutting away any more of the style of the door than is absolutely necessary.

We will now describe our invention by the aid of the accompanying sheet of 5 drawings in which similar letters of reference relate to similar parts.

Referring to the drawings, Fig. 1 is a view of one of our locks with the bolt or latch (B) shot.

Fig. 2 represents a view of a similar lock with the bolt (B) withdrawn.

We construct our lock as narrow as possible and we actuate and work the 10 bolt (B) by means of a crank lever (A) on the one arm (*a*¹) of this crank lever (A) we fix a swivel lug (S) which swivel lug (S) is drilled, pierced or cast hollow to receive a threaded bar or rod (D); the top end of this bar or rod (D) we pivot or otherwise attach to a cranked arm (F) on the handle (H). This 15 handle (H) we work on a pivot (P) in the top plate (T) so that by moving the handle (H) as shewn in Figure 2 we raise the crank arm (F) on the handle (H) and lift the threaded bar (D) thereby working the crank lever (A) and withdrawing the bolt (B) as illustrated in Fig. 2. This handle can be constructed 20 to work the reverse way where required.

The bar or rod (D) is threaded as at (*d*¹) (*d*¹) and is supplied with nuts (N) (N) 20 for the purpose of adjusting the distance between the swivel lug (S) and the cranked arm (F) of the handle (H) so that the lock can be worked from any convenient position. By threading the bar or rod (D) and adjusting the nuts (N) (N) as required we are enabled to bring the handle (H) into a vertical 25 position when fixing as shewn in Fig. 1.

Having now particularly described and ascertained the nature of our said invention, and in what manner the same is to be performed, we declare that 30 what we claim is:—

- (1) In locks and latches the employment of a threaded rod or bar for the purpose of connecting and adjusting the handle to the lock and fixing both 30 handle and lock in any desired positions substantially as herein specified and illustrated.
- (2) In locks and latches the employment of an adjustable rod or bar threaded or otherwise, and a swivel lug carried on a crank lever and held in position 35 on the rod or bar by nuts or any other suitable means substantially as herein specified and for the purposes set forth.

Dated the 22nd day of June, 1914.

HOWARD LESLIE CURRALL,
For the Applicants.

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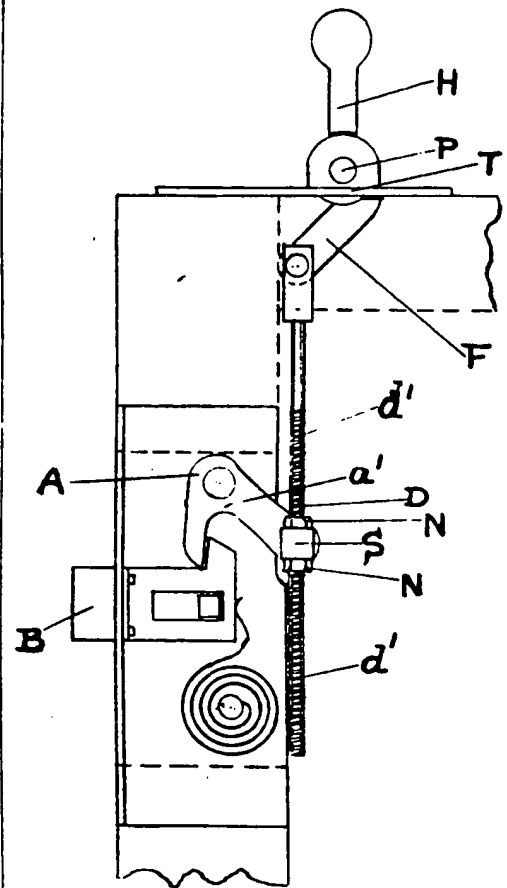
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SMITH & others' COMPLETE SPECIFICATION.

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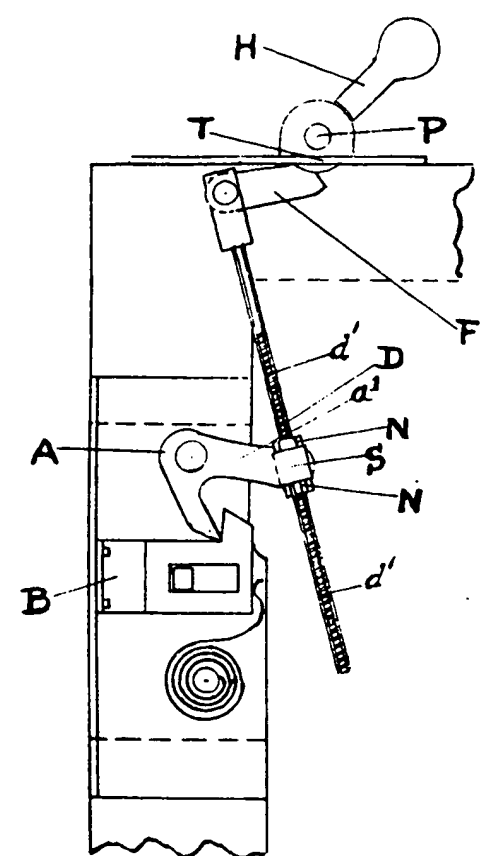
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[This Drawing is a reproduction of the Original on a reduced scale.]



— Fig. 1. —



— Fig. 2. —

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